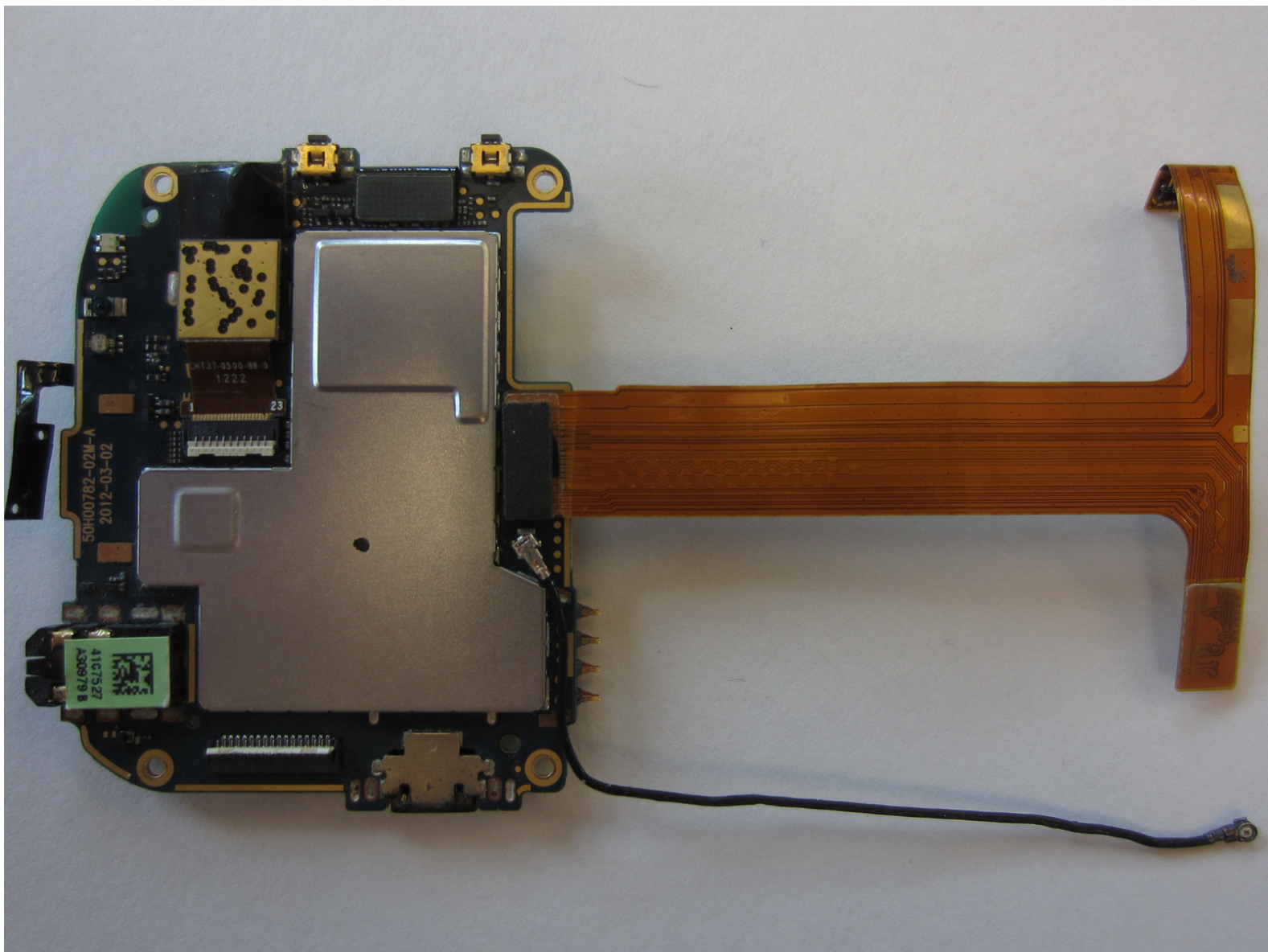




HTC Desire V Motherboard Replacement

This guide will outline how to remove the logic board assembly, including cables, from the HTC Desire V smartphone

Written By: William McCusker



INTRODUCTION

This guide will outline how to remove the logic board assembly, including cables, from the HTC Desire V smartphone

TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Battery



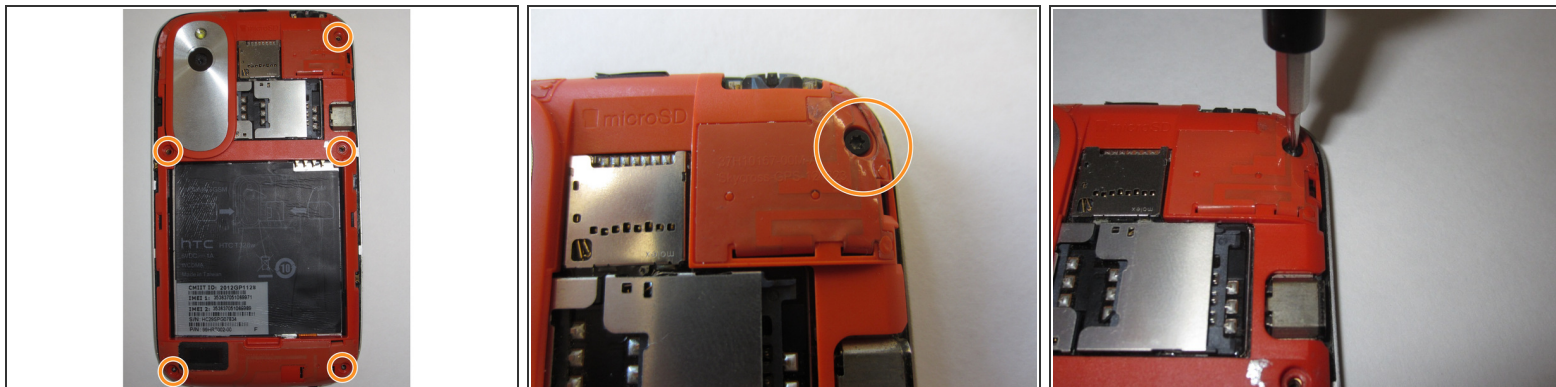
- Gently pry back cover away from phone
- If you are having difficulty you may need to use a Spudger or plastic opener

Step 2



- Lever the battery out from the bottom end first.
- If you have trouble you can use the opening tools or the spudger again

Step 3 — Midframe



- Unscrew and remove five 3.0 mm black torx screws at the positions circled in orange.
- Use a Torx T5 screwdriver

Step 4



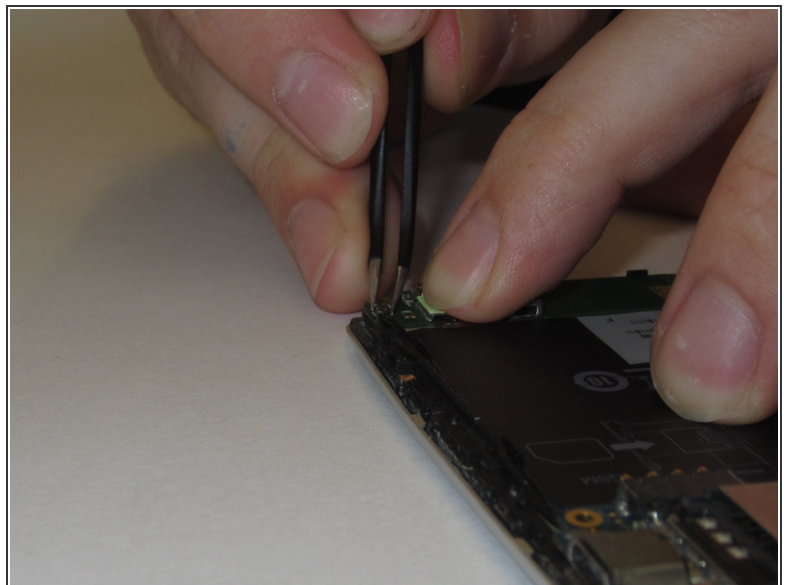
- Using an opening tool or a spudger, gently remove the plastic backing

Step 5 — Button Assembly



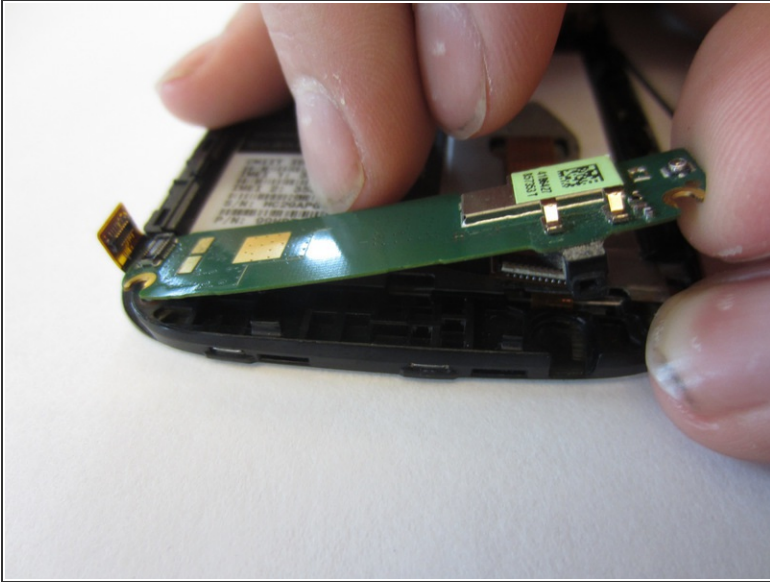
- Remove the connector on left side of the Navigation board by unplugging/prying the orange ribbon
- Use a spudger or the opening tools if you have trouble disconnecting

Step 6



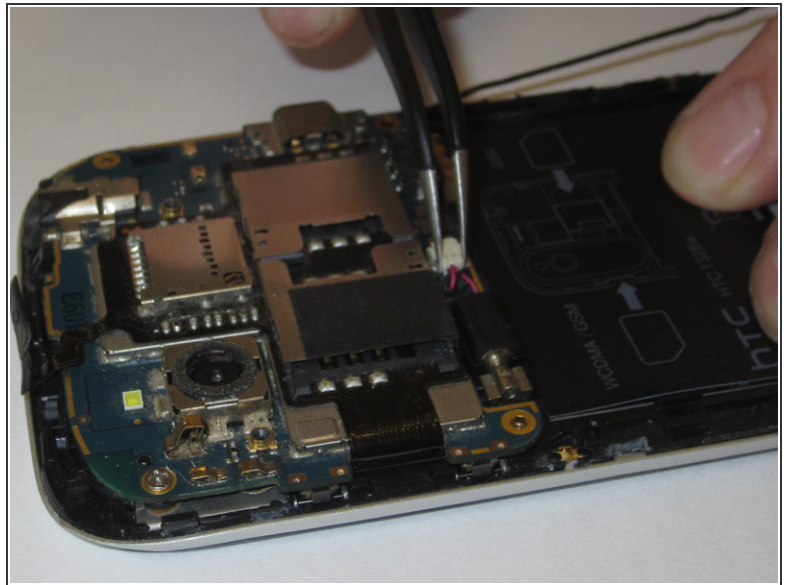
- Gently unplug and remove aerial cable (black antenna) from bottom plug
- If you lack usable nails, you will need tweezers

Step 7



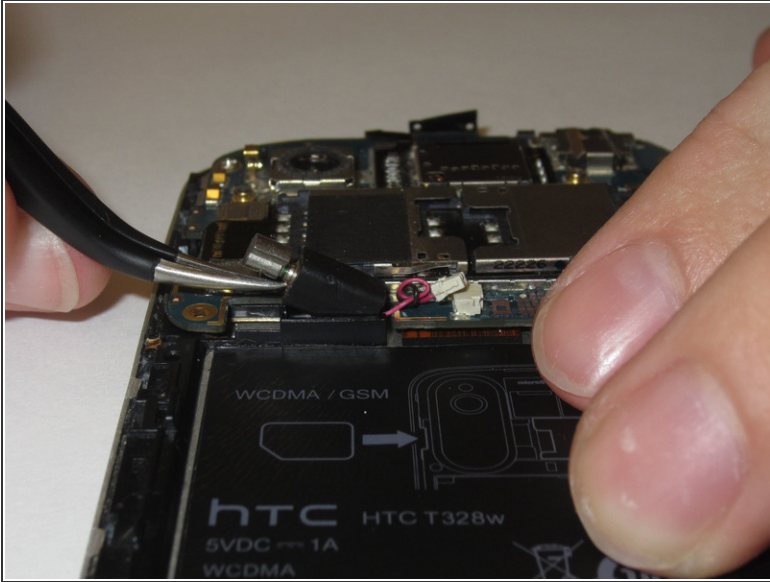
- Nav Board will be stuck down by glue
- Pull gently from the right end of the board, being careful of it's flexibility

Step 8 — Vibration Motor



- Unplug the vibration motor shown from the white plug on the motherboard
- You will probably need tweezers to do this

Step 9



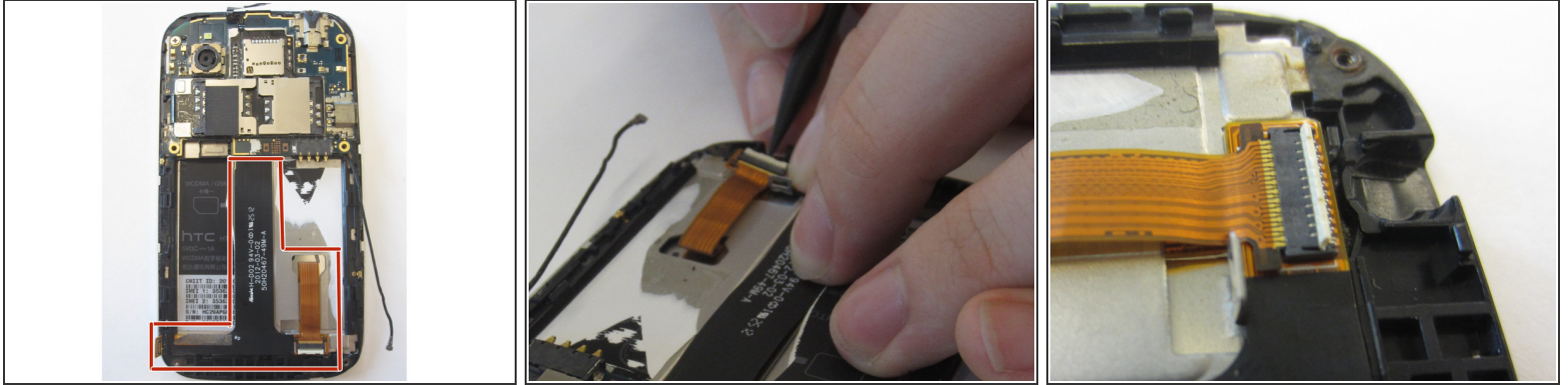
- Gently remove the motor from its housing in the phone's chassis
- The easiest way to do this is to lever the motor out by its rotating end using the tweezers

Step 10 — Motherboard Assembly



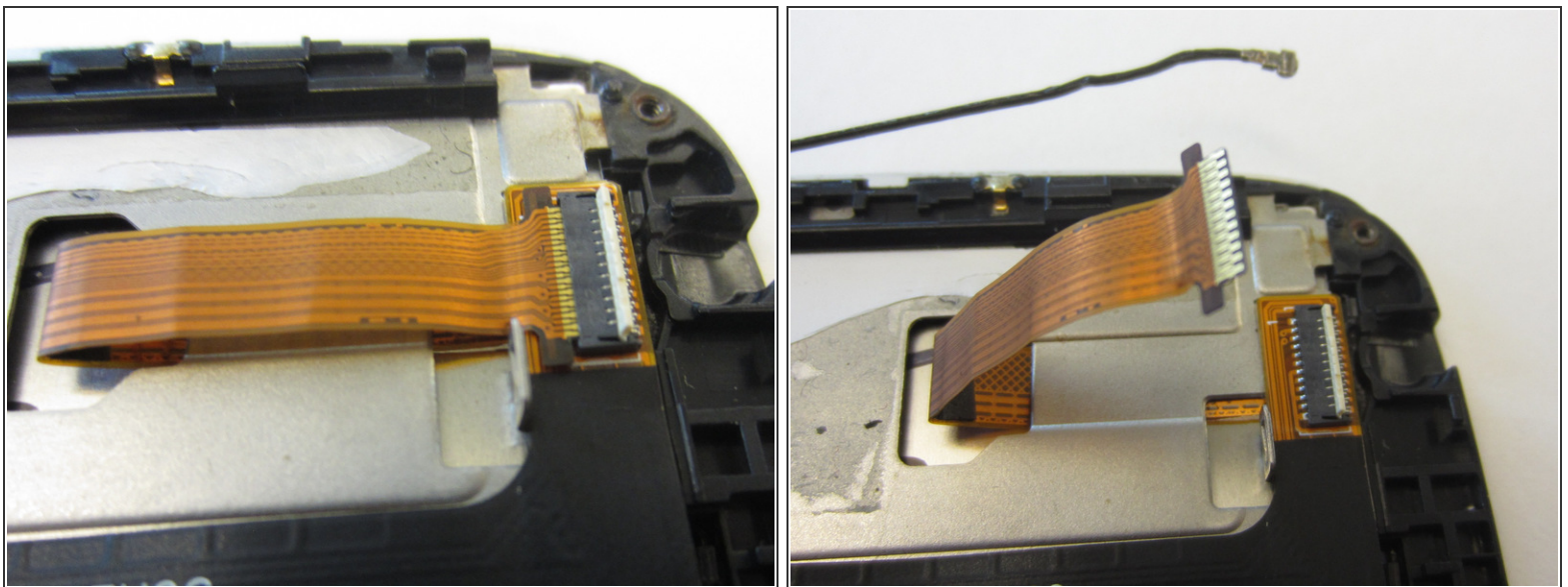
- Remove the black information sticker if this is the first time opening the handset

Step 11



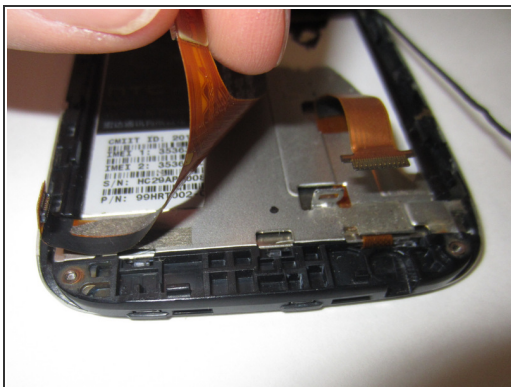
- You should now see a black ribbon cable, which was connected at the left to the Nav board, and on the right, to a gold ribbon cable which goes to the screen
- Unlock the gold ribbon cable connecting screen to logic board by lifting the locking tab at the back of the socket
- For this you may wish to use a spudger or tweezers

Step 12



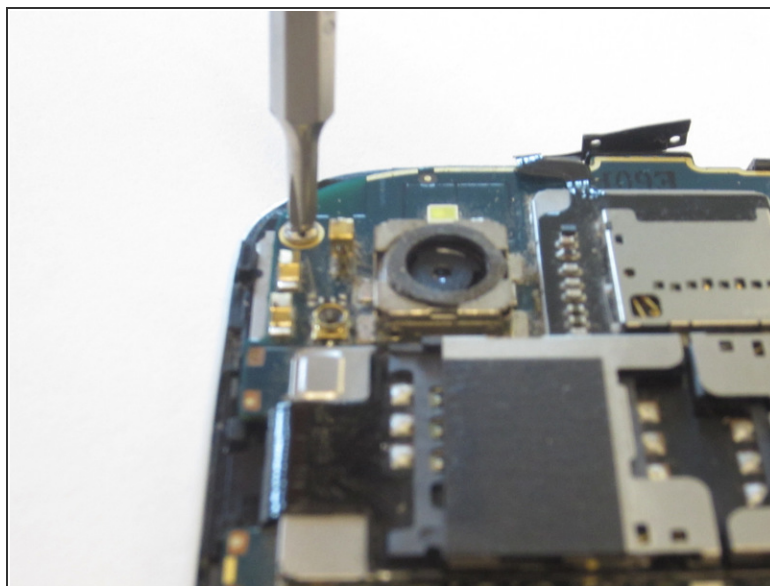
- Disconnect gold ribbon cable connecting screen to logic board by pulling cable out gently

Step 13



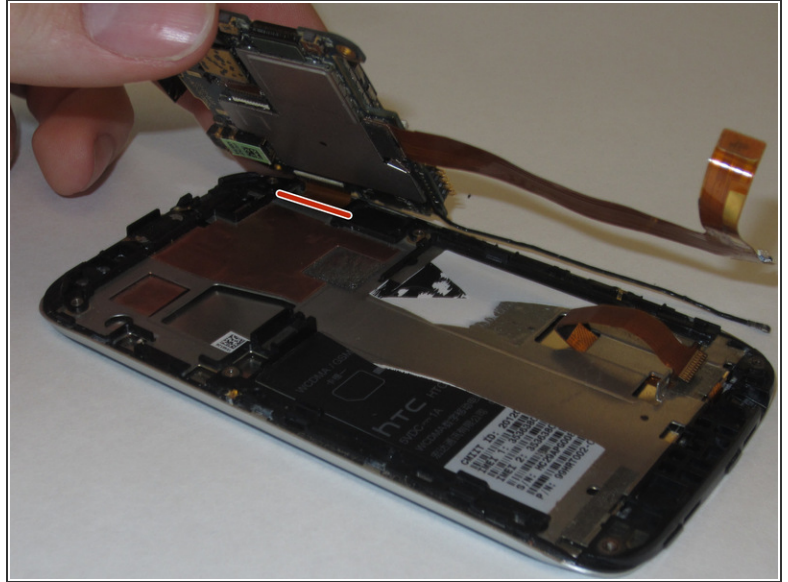
- Gently unstick black ribbon cable from the chassis

Step 14



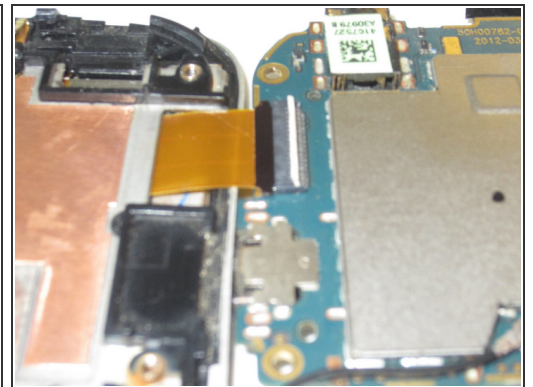
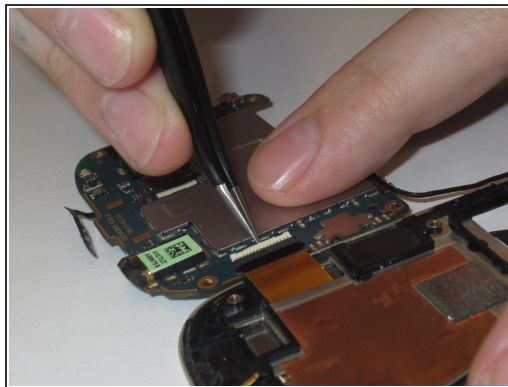
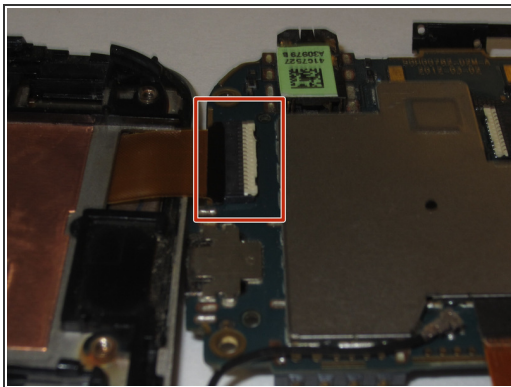
- Unscrew the 2mm silver screw from top left
- Use a Phillips PH00 Screwdriver for this

Step 15



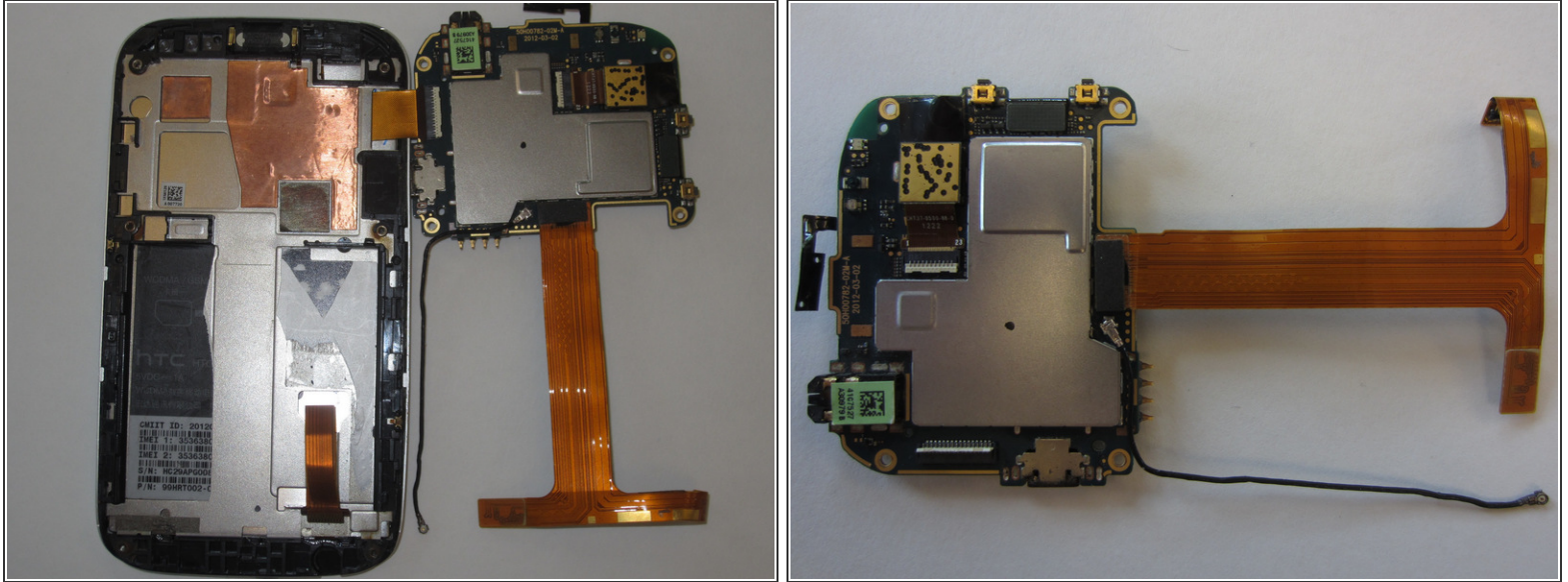
- Gently pry logic board from the casing by lifting the left side up, as if there was a hinge on the right, folding it over the right edge where you will see a gold/orange ribbon cable

Step 16



- Remove the gold ribbon cable by lifting tab at the back of the socket, using a spudger or tweezers

Step 17



- Gently pull the logic board to the right and it will disconnect from the chassis

To reassemble your device, follow these instructions in reverse order.

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